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Harold Sandbeck

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

DIVISION OF
OIL, GAS & MINING

For Office Use Only

1a
Y Y M M

1b
Batch

1c
Report

2. Name of Permittee

GENWA1 COAL COMPANY

3. Street Address

PO BOX 1201

4. City

KENTINGTON

5. State

MT

6. Zip Code

84527

7. Area Code

801

8. Telephone Number

687-9813

9. MSHA Number

42-01715-

10. Date of Inspection
(Y Y M M D D)

890727

11. State Permit Number

015/032

12. Name of Mine

CRANDALL CONGO

13. County Code

015

14. State Code

MT

15. Strata

16. State Area Office

01

17. OSM Field
Office No.

02

18. OSM Area
Office No.

19. OSM
Sample No.

0018

20. Type of Inspection
(Code)

C

21. Joint Inspection
Yes No

X

22. Inspector's ID
No.

107

23. Status

A 01

Type of Permit

B A

Mine Status (Code)

C 20

Type of Facility (Code)

D 00164.4

Number of Permitted Acres

E 00005.7

Number of Disturbed Acres

24. Type of Activity (check applicable boxes).

A ☐ Steep Slope

E ☐ Anthracite

B ☐ Mountain Top Removal

F ☒ Federal Lands

C ☐ Prime Farmlands

G ☐ Indian Lands

D ☐ Alluvial Valley Floors

H ☐ Other

25. Performance Standards (Codes)

Instructions: Indicate compliance code. For any standard marked 2 or 3 provide narrative to support this determination.

Standards That Limit the Effects to the Permit Area

A ☐ Distance Prohibitions

B ☐ Mining Within Permit Boundaries

C ☐ Signs and Markers

D ☐ Sediment Control Measures

E ☐ Design and Certification Requirements—
Sediment Control

F ☐ Effluent Limits

G ☐ Surface Water Monitoring

H ☐ Ground Water Monitoring

I ☐ Blasting Procedures

J ☐ Haul/Access Road Design and Maintenance

K ☐ Refuse Impoundments

L ☐ Other: Specify

Standards That Assure Reclamation Quality and Timeliness

M ☐ Topsoil Handling

N ☐ Backfilling and Grading

O ☐ Following Reclamation Schedule

P ☐ Revegetation Requirements

Q ☐ Disposal of Excess Spoil

R ☐ Handling of Acid or Toxic Materials

S ☐ Highwall Elimination

T ☐ Downslope Spoil Disposal

U ☐ Post Mining Land Use

V ☐ Cessation of Operations: Temporary

W ☐ Other

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26. State Permit Number

0137032

27. Date of Inspection
(Y Y M M D D)

890727

28. Yes ☐ No ☐ Do mining and reclamation activities on the site comply with the plans in the permit?
☐ If no, provide narrative to support this determination.

29. Indicate number of complete and partial inspections conducted by the State to date for this annual review period:

29a. ☐ ☐ Number of Completes29b. ☐ ☐ Number of Partial

30. Indicate number of complete and partial inspections required by the State during this annual review period:

30a. ☐ ☐ Number of Completes30b. ☐ ☐ Number of Partial

31. Has inspection frequency been met?

Yes No

31a. ☒ ☐ Completes

Yes No

31b. ☒ ☐ Partial

32. FEDERAL ENFORCEMENT INFORMATION. [Enter violation number. Check appropriate box(es)]

Ten-Day Notice No.

Notice of Violation No.

Cessation Order No.

Violation Codes

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐A ☐B ☐C ☐D ☐E ☐F ☐G ☐H ☐I ☐J ☐K ☐L ☐M ☐N ☐O ☐P ☐Q ☐R ☐S ☐T ☐U ☐

Authorizations to Operate

Signs and Markers

Backfilling and Grading

Highwall Elimination

Rills and Gullies

Improper Fills

Topsoil Handling

Sediment Ponds

Effluent Limits

Water Monitoring

Buffer Zones

Roads

Dams

Blasting

Revegetation

Spoil on the Downslope

Mining Without Permit

Exceeding Permit Limits

Distance Prohibitions

Toxic Materials

Other Violations

33. Name of Authorized Representative (print or type)

Signature of Authorized Representative

Date

Signature of Reviewing Official

Date

Henry D. Hurlin (Acting)

8-9-89

04 0
05 0
07 0
10 0

Genwal Coal Company
P.O. Box 1201
Huntington, Utah 84527

Crandall Canyon Mine
Utah Permit# 015/032

Random Sample Inspection
July 27, 1989

Participants:

Rade H. Orell, Office of Surface Mining Reclamation and Enforcement
Albuquerque Field Office (AFO); Harold Sandbeck, Utah Division of
Oil, Gas and Mining (DOGM) and Allen Childs, Genwal Coal Company
(operator's representative).

Mine Site Evaluation Inspection Report:

The Mine Site Evaluation Inspection Report (MSEIR) form has been completed to reflect the random sample inspection (RSI). The DOGM representative issued a Notice of Violation (NOV) as a result of the inspection. The NOV is referenced by the number 2 at performance standard code D, Sediment Control Measures on the MSEIR. The NOV is explained in greater detail later in this report. The inspection did not result in the issuance of a Ten-Day Notice.

Introduction:

The inspection included a records review as well as observations of the mine site. We met the operator's representative at the mine office in Huntington before traveling to the mine. We conducted the field inspection first, followed by the records review. The weather was clear to cloudy with rain. Ground conditions varied from dry to wet. I used a Pentax IQ Zoom camera to photograph areas of interest.

Field Inspection:

The field inspection commenced at the upper part of the mine facilities at the powder magazine area and terminated at the lowest topsoil stockpile on the haul road.

Powder Magazine - The inspection of this area indicated that the site

was generally in good repair at the time of the inspection. We noted that ditch UD-2 (undisturbed diversion) was in need of some minor maintenance at the time of the inspection. While the ditch was not breached or over-topped it was showing some signs of silt deposition. The operator's representative was advised to maintain the structure. The outslope of this area is being stabilized through vegetation and a sprinkler irrigation plan. The slope appeared stable in regard to vegetation/erosion and the irrigation appears to be beneficial. We continued along the magazine access road to the stilling basin. We found that the basin, straw bales and culvert C-6 were in good repair. The inspection of culvert UD-1 also indicated that the structure was in good repair at the time of the inspection. Diversion ditch DD-1 was also inspected. The DOGM representative advised the operator's representative to maintain the small ditch such that its ability to function is not impaired. We did not observe any breaches or evidence of over-topping of the structure.

Forest Service Parking Lot/Snow Storage Area - This area was the subject of a Ten-Day Notice (TDN) during the last oversight inspection. The TDN was issued for the operator's failure to pass the disturbed drainage through a sediment pond before leaving the permit area. This inspection indicated that the earth material and coal fines that were mixed with snow and stored on the site are no longer present. The operator's representative indicated that the materials were conveyed to the sediment pond for disposal. The representative also indicated that the company has no intentions of using the site for snow storage in the future. This office reminded DOGM by letter, mailed the week of August that the basis for the appropriate finding on the TDN issued during the previous RSI was that the Division would approve SAEs for the areas cited in the notice. As such, DOGM was advised that the AFO expects the issue to be addressed by the Division in a timely manner and that the AFO will programatically monitor the situation.

Portal Area - The inspection of the portal area included observations of the intake portal, the ventilation fan, ditch UD-3 which is actually a 24 pipe, culvert C-5 and disturbed diversion ditch DD-8. The inspection indicated that the structures were in good repair at the time of our observations.

Lower Pad - For the purposes of this report the lower pad includes the parking/storage area, the truck turnaround, the coal loading area, the various culverts and ditches, the sediment pond and the outslope of the pad. Generally, the culverts, ditches and sediment pond were found to be in good repair at the time of the inspection. The DOGM representative did advise the operator's representative to maintain ditch DD-7. Silt accumulations were evident, the ditch was not breached nor was there evidence of over-topping.

The outslope of the pad was the subject of a TDN during the last random sample inspection. The TDN was issued for the operator's failure to pass disturbed area drainage through a sediment pond before leaving the permit area. In response to the TDN DOGM approved

a Small Area Exemption (SAE) for the area on June 6, 1989. The SAE requires the operator to install silt fence along the slope toe from previously approved SAEs 1 to 3. The silt fence was not installed at the time of the inspection. Therefore, the DOGM representative issued an NOV to the operator for failure to comply with the approved plan in accordance with UMC 771.19. The NOV is reflected by the number 2 at performance standard code D, Sediment Control on the MSEIR. Code D is referenced as the standard violated because the violation deals with sediment control. The MSEIR form does not contain a standard for the regulation cited by the DOGM representative.

Topsoil Stockpiles - We inspected the three topsoil stockpiles located adjacent to the haul road. The stockpiles are numbered 1 through 3 with #1 being the upper pile. For the purposes of this report they are referred to the upper, middle and lower topsoil stockpiles.

The upper stockpile, #1, is located adjacent to what is identified as the disturbed area where it crosses the road. The disturbed area is marked by a Mine ID sign. The stockpile is also identified by a sign. The soil material appeared stable at the time of the inspection with some minor maintenance needed on the straw bales surrounding the perimeter of the stockpile.

The middle stockpile, #2, straw bales also needed maintenance at the time of the inspection. We did not observe any evidence to suggest that topsoil had been eroded from the pile. The operator's representative was advised to ensure that the straw bales are adequately maintained.

The lower stockpile, #3, was generally in good repair at the time of the inspection with respect to erosion and vegetation. We observed however that the stockpile did not include a straw bale perimeter. The east end of the stockpile included a ditch and small basin on the south side slope toe. The west end of the stockpile was only bounded by large rock on its south side toe. The three stockpiles were also included in the TDN issued during the last RSI and in the SAE subsequently approved by DOGM. We checked the approved plan with respect to measures that would be installed at the stockpiles. The approved plan specifically states the operator will install straw bales around the perimeter of all the stockpiles. Therefore, the DOGM representative included this situation in the NOV referenced above.

Records Review:

The records review included observations and discussion of the sediment pond inspection reports, irrigation records/precipitation records, subsidence monitoring, hydrology monitoring for the first and second quarters of 1989, NPDES quarterly monitoring reports for the same two quarters, construction certifications for the sediment pond, certificate of liability, and a review of the approved plan for

the SAEs referenced above.

Close-Out:

The close-out meeting focused on the NOV issued by DOGM, and a discussion of the situation at the Forest Service Parking Lot/Snow Storage Area. I advised the DOGM representative as well as the operator's representative that I would relay the current status of the site, as described above, to management in AFO upon my return to the office. I also indicated that a decision regarding a course of action would be rendered at that time. As stated above AFO management determined on August 8 that DOGM should be reminded by letter about the TDN issued during the previous RSI and why the Division's response was found appropriate.

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT
RANDOM SAMPLE MEIR SUPPLEMENT

1. Permittee Genwal Coal Company
2. Permit Number 015/032
3. Joint Inspection 1 Y/N 4. Date 7-27-89

5. Days since Last State Complete Inspection (LSCI) 76
6. Block 25 Categories in NON-COMPLIANCE this RSI 1
7. Total Violations this RSI 1

8. List (only once) all violations:

- 1) where State enforcement was required and taken during the LSCI;
- 2) recorded in the LSCI report but the State failed to take enforcement;
- 3) observed during this RSI which clearly existed during the LSCI but the State failed to take enforcement; and;
- 4) existing during this RSI which are not already listed under one of the categories above.

A LAW / SPECIFIC STATE REGULATION VIOLATED	B BLOCK 25 CATEGORY	C ABATED (y/n)	D STATE ACTION	E REASON IF UNCITED	F CAUSE	G SERIOUSNESS PEO	H IMPACT	I OSMRE ACTION	J OPTIONAL	K
1. <u>UMC 817.42</u> <u>UMC 817.18</u>	<u>D</u>	<u>N</u>	<u>4</u>		<u>4</u>	<u>2</u>	<u>2</u>	<u>1</u>		
2. / / / / /										
3. / / / / /										
4. / / / / /										
5. / / / / /										
6. / / / / /										
7. / / / / /										
8. / / / / /										
9. / / / / /										
10. / / / / /										

STATE ACTION

- 1) Existed on LSCI, cited
- 2) Existed on LSCI, not cited
- 3) Cited Prior to LSCI, Abatement Pending
- 4) Occurred since LSCI

STATE'S REASON FOR NOT CITING VIOLATION
(AFTER DISCUSSION WITH THE STATE)

- 1) Not a Violation
- 2) Precluded by State Policy
- 3) Not included under State Program
- 4) Warning given in lieu of a Citation
- 5) Violation not recognized (missed)
- 6) Practice allowed under approved Permit
- 7) Too minor to cite
- 8) Working with Operator to Correct
- 9) Other:

CAUSES

- 1) Permit Defect
- 2) Unusual Weather Conditions
- 3) Unofficial Waiver
- 4) Operator Negligence
- 5) Other:

PROBABILITY OF
EVENT OCCURRENCE

- 1) None or Unlikely
- 2) Likely
- 3) Occurred

IMPACT

Damage Remains Within the Permit Area

- 1) None or Minor
- 2) Moderate
- 3) Considerable

Damage Extends Beyond the Permit Area

- 4) None or Minor
- 5) Moderate
- 6) Considerable

Obstruction to Enforcement

- 7) None or Minor
- 8) Moderate
- 9) Considerable

OSMRE ACTION

- 1) Deferred to State Action
- 2) TDM issued
- 3) IM-CD issued
- 4) Previously Cited, Abatement Pending
- 5) Abated during or before OSMRE Inspection